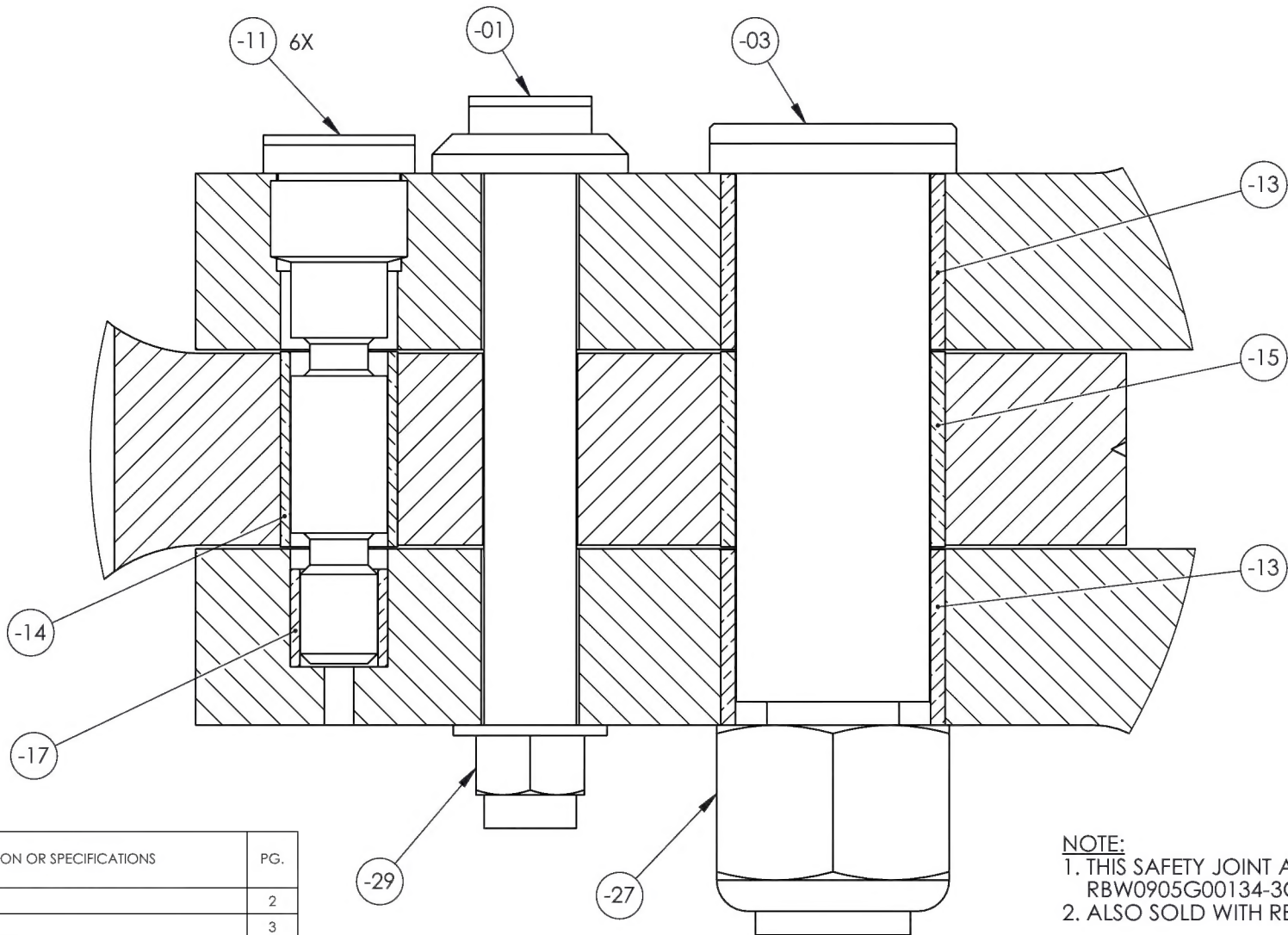
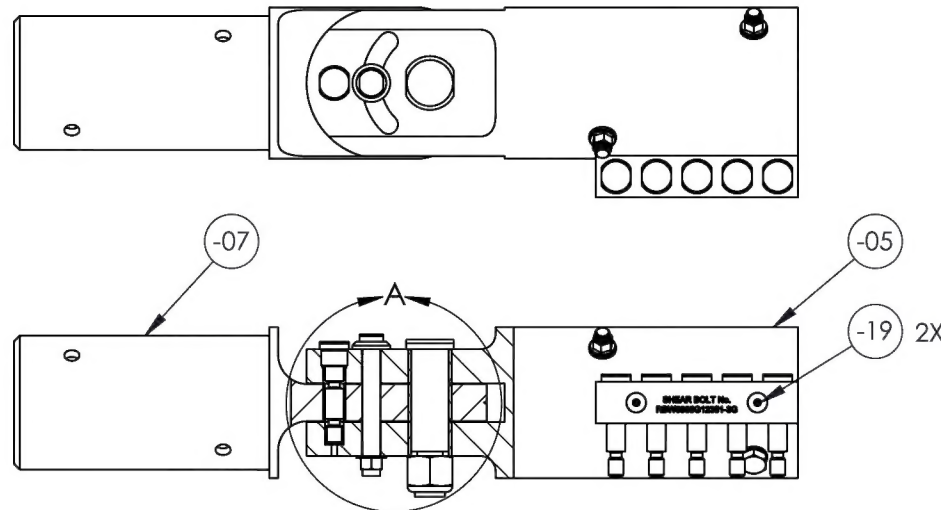
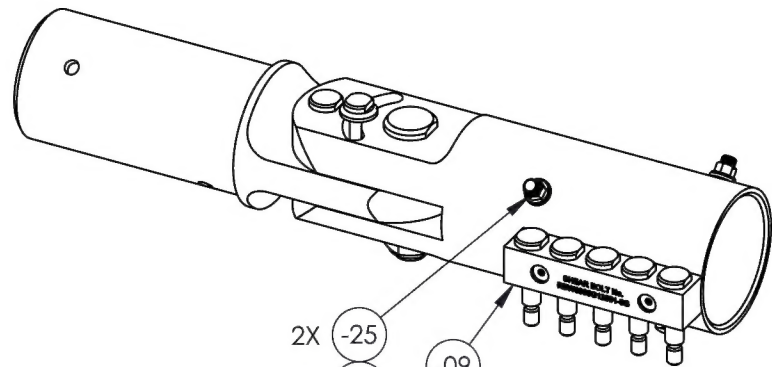


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DETAIL A
SCALE 1.5 : 1

NOTE:
1. THIS SAFETY JOINT ASSEMBLY ATTACHES TO RBW0905G00134-3G TOW DOLLY.
2. ALSO SOLD WITH RBW0905G10331-3G.

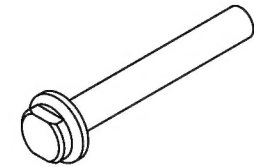
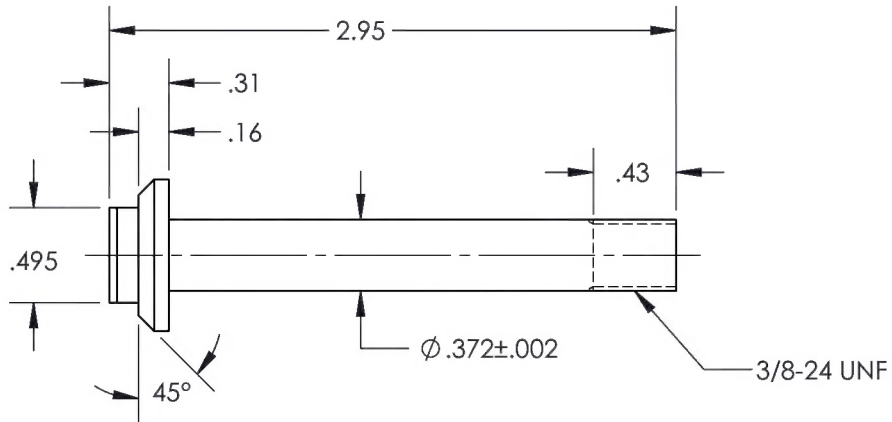
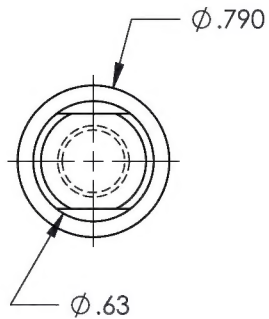
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-01	1	PIVOT LOCK BOLT	4140 Q&T/4142 Q&T		2
			-03	1	PIVOT BOLT	4140 Q&T/ 4142 Q&T		3
			-05	1	TONGUE PIVOT	6061		4
			-07	1	DOLLY PIVOT	6061		5
			-09	1	PIVOT SHEAR BOLT HOLDER	6061		6
			-11	6	PIVOT SHEAR BOLT	6061	#RBW0905G12351-3G	1
			-13	2	BUSHING	BRONZE	Ø20mm ID. X 18mm (MCMASTER-CARR #6679K21) MODIFIED	7
		B/O	-14	1	BUSHING	BRONZE	Ø10mm ID. X 20mm APLLIED INDUSTRIES #1020DU	1
		B/O	-15	1	BUSHING	BRONZE	Ø20mm ID. X 20mm (MCMASTER-CARR #6679K21)	1
		B/O	-17	1	BUSHING	BRONZE	Ø8mm ID. X 10mm APPLIED INDUSTRIES #0810DU	1
		B/O	-19	2	FLAT SOCKET HEAD CAP SCREW	STEEL	#10-32 UNF X 7/8 (MCMASTER-CARR #91263A547)	1
		B/O	-21	2	HEX HEAD CAP SCREW	PLATED STEEL	5/16-24 UNF X 3-5/8 SPENCER AIRCRAFT #AN5-35A	1
		B/O	-23	4	FLAT WASHER	PLATED STEEL	Ø5/16 (SPENCER AIRCRAFT #AN960-516)	1
		B/O	-25	2	LOCK NUT	PLATED STEEL	5/16-24 UNF (MCMASTER-CARR #95307A600)	1
		B/O	-27	1	LOCK NUT	PLATED STEEL	5/8-18 UNF (MCMASTER-CARR #97135A275)	1
		B/O	-29	1	LOCK NUT	PLATED STEEL	3/8-24 UNF (MCMASTER-CARR #95307A700)	1

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		DELETED -11 FROM DWG., MADE REFERENCE IN BOM FOR -11 TO SEE RBW0905G12351-3G.	4/28/10	RJC	
1A		REMOVED PAGE 2, RE-NUMBERED PAGES & BOM PER W.P.	4/28/10	RJC	
2		CORRECTED PG. 1 ASSEMBLY VIEW, UNIT WAS MIRRORED THE WRONG DIRECTION. ADDED -14 BUSHING, CH'D -03 HEAD DIA. FROM Ø1.182 TO Ø1.12, AND ADDED .125 TO THREAD LENGTH FOR NYLOCK NUT.	5/31/10	WP	RW
3		-09 CH'D P/N FROM RBW0905G12251-3G TO RBW0905G12351-3G, REMOVED -11 FROM DWG. & MADE A SEPARATE FILE FOR THIS PART RBW0905G12351-3G, PER W.P.	9/3/10	RJC	
4		SEPERATED PARTS TO 1 PART PER SHEET -07 ADDED FIT TOL TO Ø2.790 DIM	1/2/12	BIM	SE
5		UPDATED SHEET FORMATS. CH'D NAME WAS "SAFTY JOINT ASSEMBLY" IS "SAFETY PIN, TOWING/PUSHING". -14 CH'D B/O INFO WAS REID #GO-436 IS GURLOCK #MD1020DU. -17 CH'D B/O INFO WAS REID #GO-427 IS GURLOCK #MD0810DU. -29 CH'G QTY. IN BOM WAS 3 IS 1.	12/20/13	CFS	
6	14-0204	ADDED NOTE 2 TO SHEET ONE. -03 CH'D RAW MATERIAL SIZE WAS Ø1-1/4 IS Ø1-1/8. -05 ADDED ENGRAVE T/N, S/N, MADE IN USA NOTE. -07 ADDED MISSING 45° DIM. -14, -17, 21, -23 CH'D B/O INFO. -31 DELETED.	10/31/2014	RJC	JAG
7	15-0027	-01, -03 CH'D MATERIAL WAS 4140 Q&T IS 4140 Q&T/4142 Q&T.	1/30/2015	RJC	JAG

DART AEROSPACE	
TITLE SAFETY PIN, TOWING/PUSHING	
DWG NO. RBW0905G12631-3G	
REV 7	
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DRAWN BY: PERRITT APPROVED <i>D Well</i> TREAT FINISH SPEC USED ON MODEL AGUSTA AW139
SCALE 1:4	DATE 2/12/2010
SHEET 1 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
7	15-0027	-01 CH'D MATERIAL WAS 4140 Q&T IS 4140 Q&T/4142 Q&T.	1/30/2015	RJC	JAG



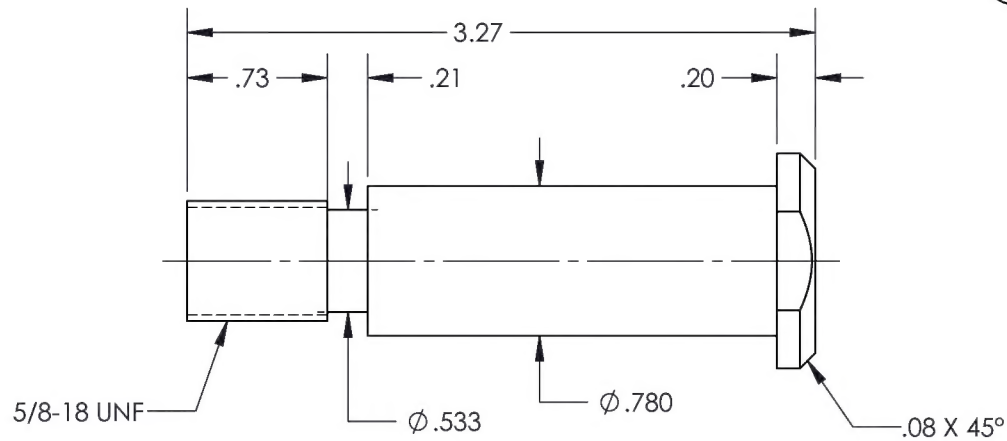
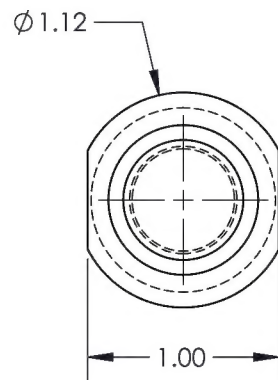
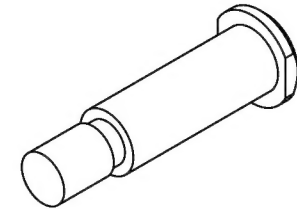
(-01)

PIVOT LOCK BOLT

DART AEROSPACE	
TITLE SAFETY PIN TOWING/PUSHING	
DWG NO. RBW0905G12631-3G-01	REV 7
MAT'L 4140 Q&T/4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH NICKEL PLATE
.X ± .1	SPEC MIL-P-6859
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AGUSTA AW139
SCALE 1:1	DATE 2/12/2010
SHEET 2 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-03 CH'D HEAD DIA. FROM Ø1.182 TO Ø1.12, & ADDED .125 TO THREAD LENGTH FOR NYLOCK NUT.	5/31/10	WP	RW
7	15-0027	-03 CH'D MATERIAL WAS 4140 Q&T IS 4140 Q&T/4142 Q&T.	1/30/2015	RJC	JAG



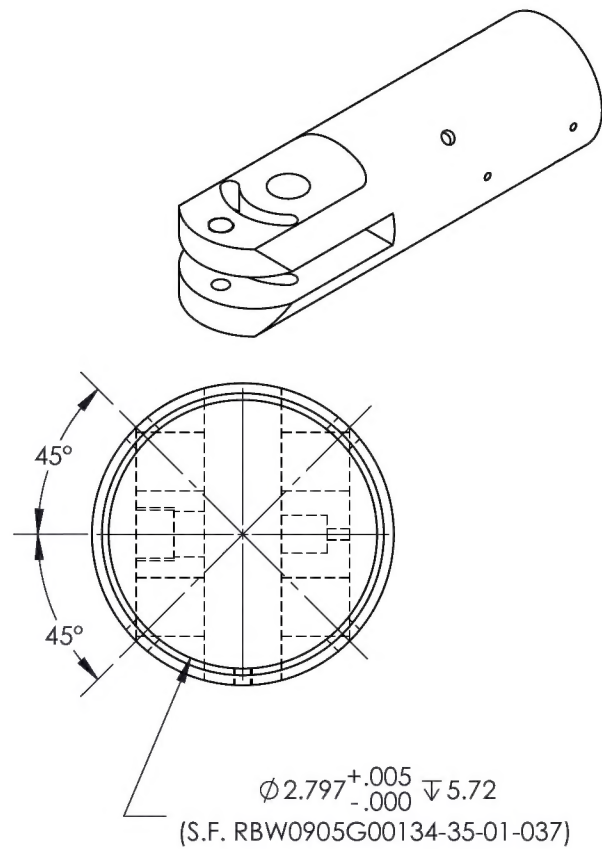
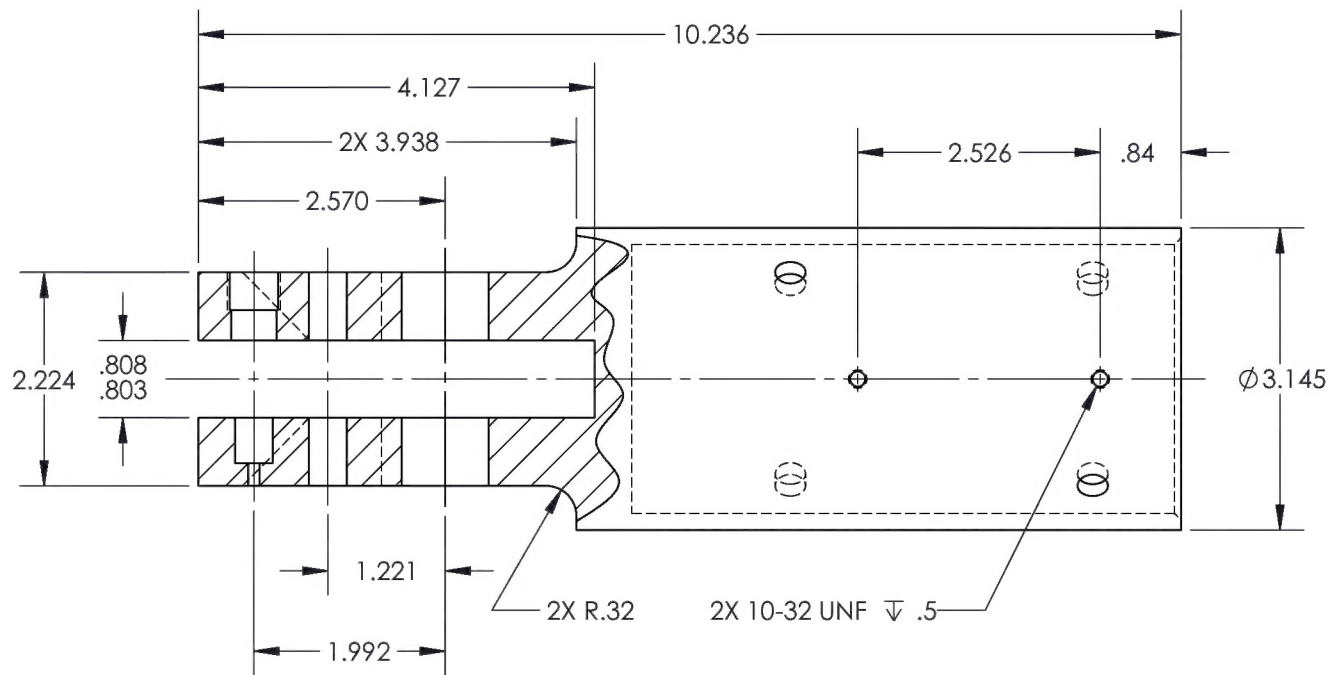
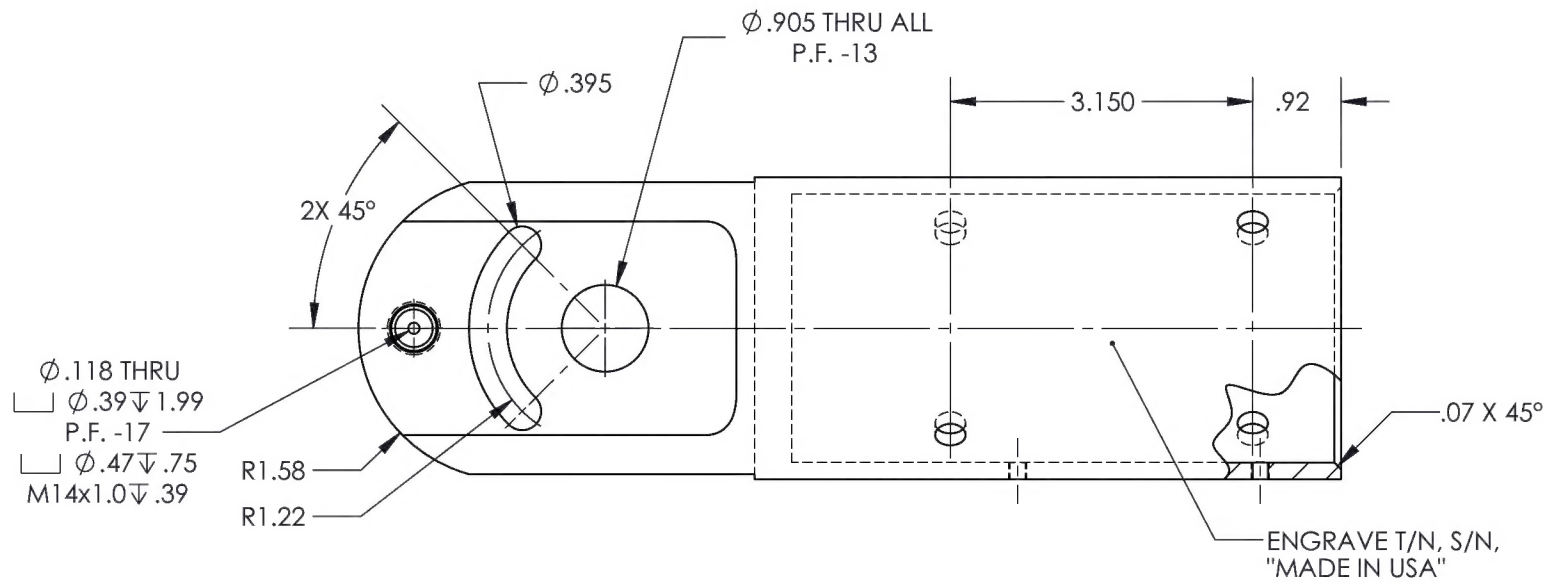
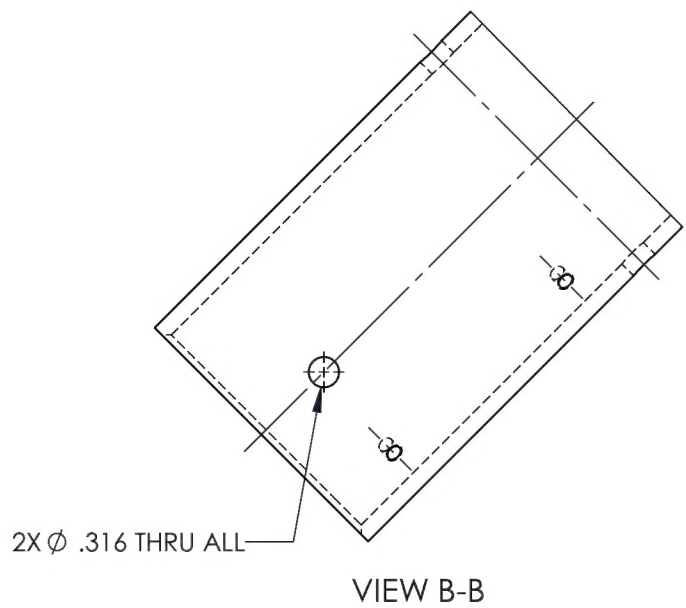
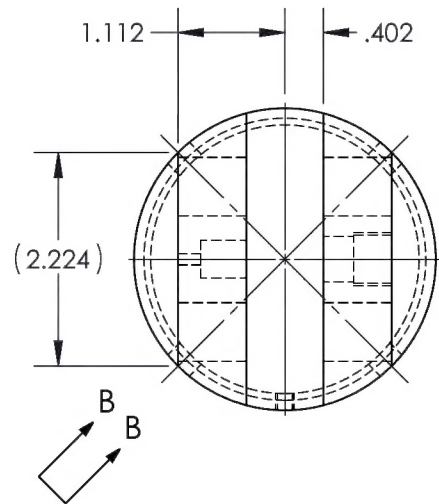
(-03)

PIVOT BOLT

DART AEROSPACE	
TITLE SAFETY PIN, TOWING/PUSHING	
DWG NO. RBW0905G12631-3G-03	REV 7
MAT'L 4140 Q&T/ 4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH NICKEL PLATE
.X ± .1	SPEC MIL-P-6859
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AGUSTA AW139
SCALE 1:1	DATE 2/12/2010
SHEET 3 OF 7	

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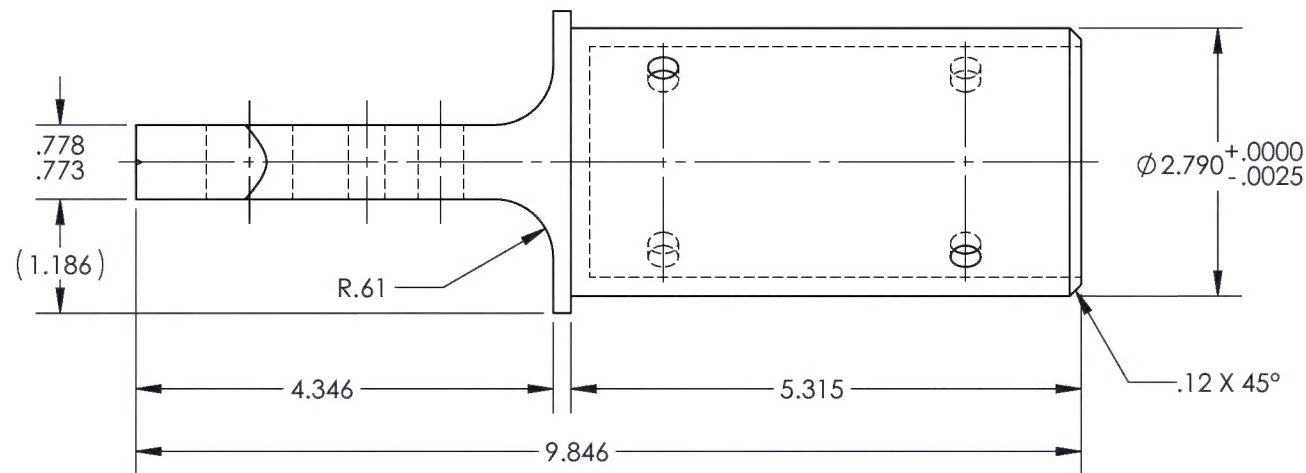
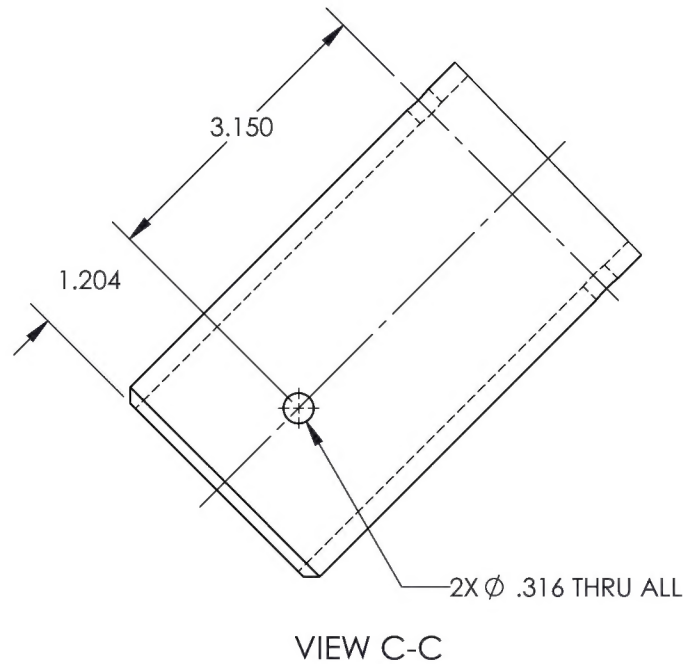
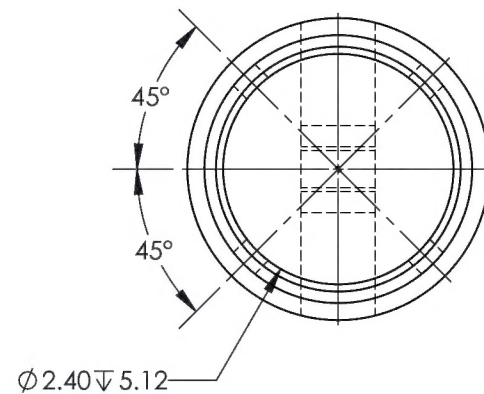
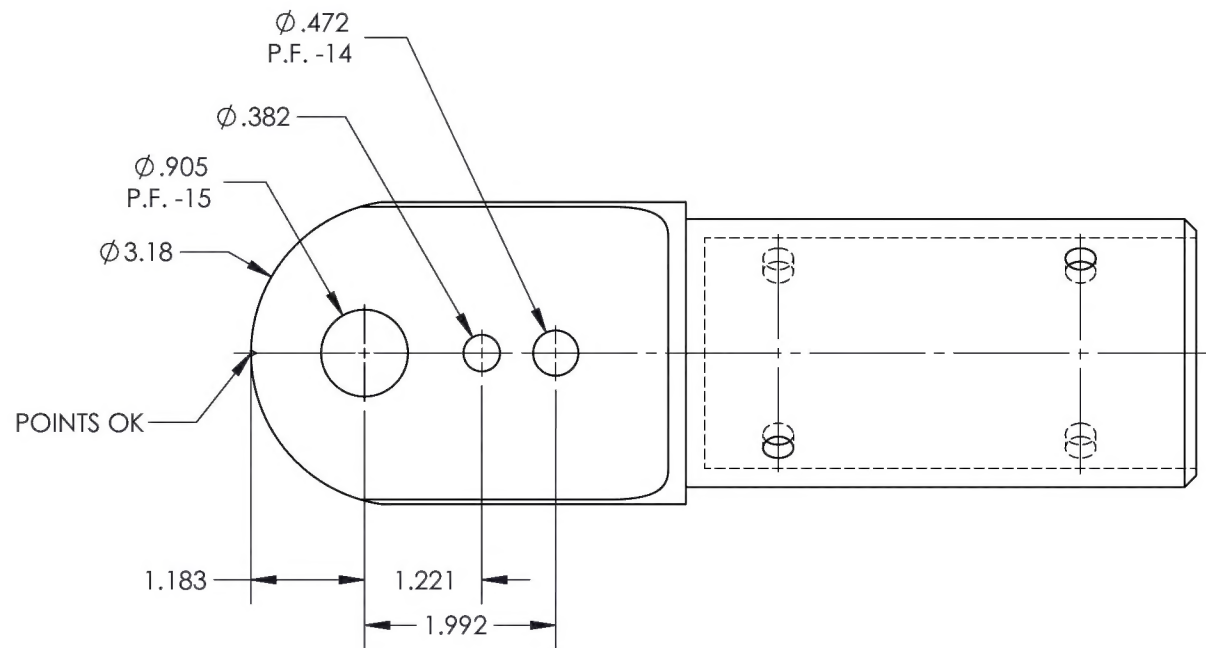
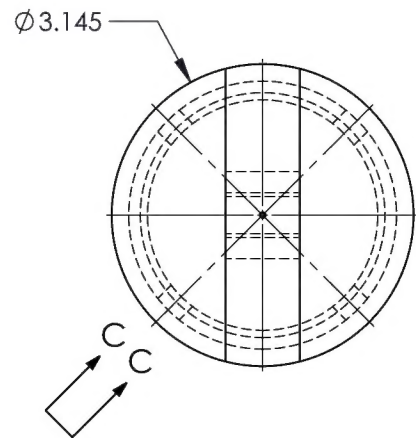
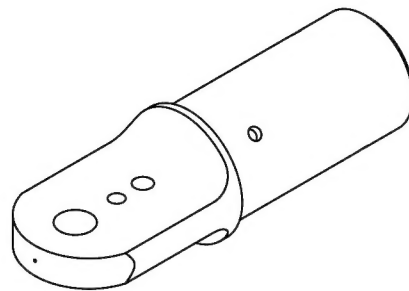
REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
6	14-0204	-05 ADDED ENGRAVE T/N, S/N, MADE IN USA NOTE.	10/31/2014	RJC
				APPROVED JAG



DART AEROSPACE			
TITLE SAFETY PIN, TOWING/PUSHING			
DWG NO. RBW0905G12631-3G-05			REV 7
MAT'L 6061		DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D. Well</i>	
.XXX ± .005		TREAT FINISH	
.XX ± .01		CLEAR ANODIZE	
.X ± .1		SPEC MIL-A-8625F, TYPE II, CLASS I	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		AGUSTA AW139	
SCALE 1:2	DATE 2/12/2010	SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4		SEPARATED PARTS TO 1 PART PER SHEET -07 ADDED FIT TOLERANCE TO Ø2.490 DIM.	1/2/12	BIM	SE
6	14-0204	-07 ADDED MISSING 45°.	10/31/2014	RJC	JAG



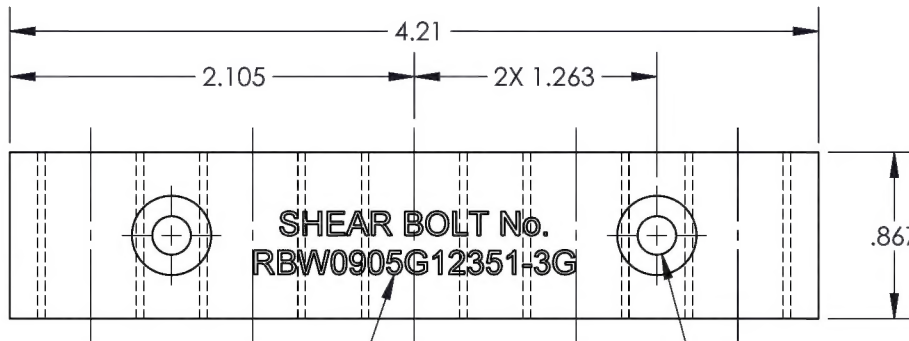
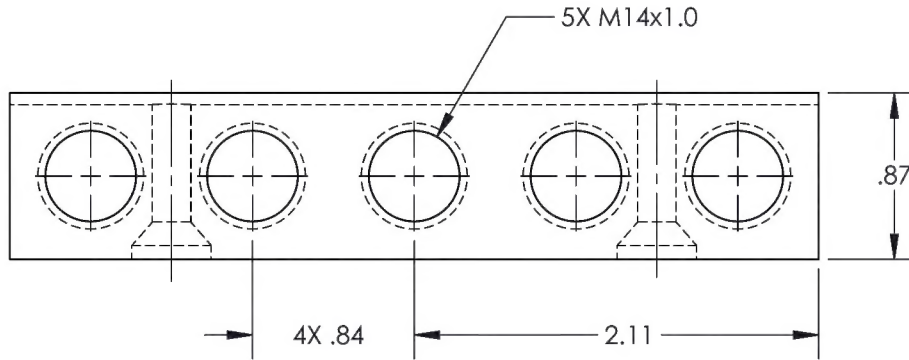
(-07)

DOLLY PIVOT

DART AEROSPACE	
TITLE SAFETY PIN, TOWING/PUSHING	
DWG NO. RBW0905G12631-3G-07	REV 7
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Well</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45°	USED ON MODEL
OR .015R	AGUSTA AW139
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 8/15/2007
	SHEET 5 OF 7

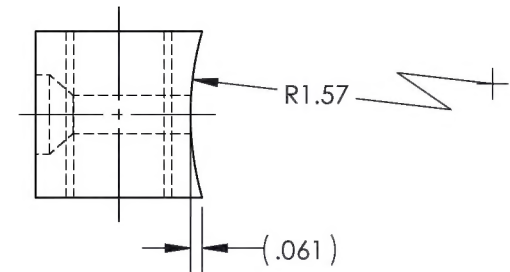
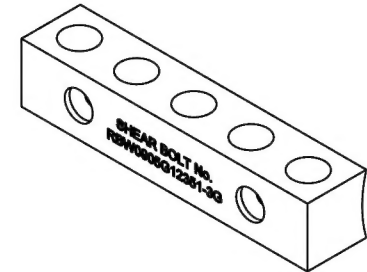
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		-09 CH'D P/N FROM RBW0905G12251-3G TO RBW0905G12351-3G, REMOVED -11 FROM DWG. & MADE A SEPARATE FILE FOR THIS PART RBW0905G12351-3G, PER W.P.	9/3/10	RJC	



ENGRAVE:"SHEAR BOLT No.
"RBW0905G12351-35"
1/8 ARIAL TEXT

2X ϕ .201 THRU ALL
 \angle ϕ .41 X 82°
 \square ϕ .41 ∇ .07



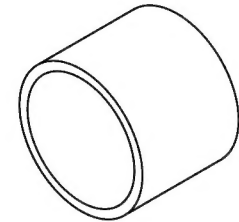
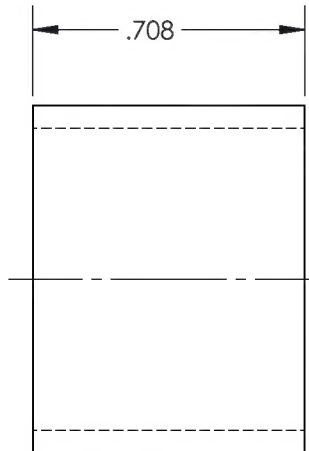
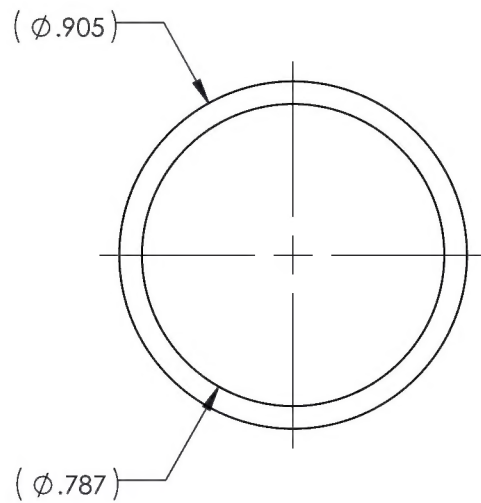
(-09)

PIVOT SHEAR BOLT HOLDER

DART AEROSPACE	
TITLE SAFETY PIN, TOWING/PUSHING	
DWG NO. RBW0905G12631-3G-09	REV 7
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX \pm .005	HEAT TREAT
.XX \pm .01	FINISH
.X \pm .1	CLEAR ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC MIL-A-8625F, TYPE II, CLASS I
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	AGUSTA AW139
SCALE 1:1	DATE 2/12/2010
	SHEET 6 OF 7

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-13)

BUSHING

DART AEROSPACE	
TITLE SAFETY PIN, TOWING/PUSHING	
DWG NO. RBW0905G12631-3G-13	REV 7
MAT'L BRONZE	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	AGUSTA AW139
SCALE 2:1	DATE 2/12/2010
	SHEET 7 OF 7